

USFS Gypsy Moth Suppression Project Summary 2003

Maryland Department of Agriculture (Cooperative)

Proposed Acres: 15,001 (5,700 ac. Btk; 9,301 ac. DFB)

Treated Acres 14,053 (5,646 ac. Btk; 8,406 ac DFB)

Project Objectives: 1. Foliage protection (defoliation less than or equal to 30% on 90% of foliage).
2. Population reduction so that treatment will not be required in 2004 with DFB

Contractor(s): Helicopter Applicators
Provine Helicopters

Aircraft: Ayers Thrush
Bell 206B
OH-58

Formulation(s): Foray 76B 0.4 gal/ac @ 36 BIU/ac
Foray 48F 0.5 gal/ac @ 24 BIU/ac
Thuricide 48LV 0.5 gal/ac @ 24 BIU/ac

Cost/acre (including application):

Helicopter Applications (project 120)	\$9.10 ac	Foray 48F @ 24/BIU
Helicopter Applicators (project 120)	\$6.10 ac	Dimilin
Helicopter Applicators (project 123)	\$14.87 ac	Foray 76B @ 34 BIU/ac metro areas
Provine Helicopters (project 121)	\$20.29 ac	Dimilin
Provine Helicopters (project 121)	\$20.72 ac	Thuricide 48LV
Provine Helicopters (project 122)	\$34.64 ac	Foray 76B @ 24 BIU/ac metro areas

Federal Share: \$750,000

State Share: \$878,772

Percent Acres Treated: Federal 0
State 26
Private 74

Percent Acres Treated Successfully: 1. 100%
2. 98%

Number of Landowners Treated: 0

Number of Communities Treated: 0

Defoliated Area: 5,141 (112 acres in the treatment blocks)

Acres to be Retreated: 243